

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:	)	Date: March 16, 2004
	)	
Liu et al.	)	Art Unit: ---
	)	
Serial No. -----	)	Examiner: ----
	)	
Filed: March 16, 2004	)	
	)	
For: <b>BLENDÉD POWDER SOLID-</b>	)	
<b>SUPERSOLIDUS LIQUID</b>	)	
<b>PHASE SINTERING</b>	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § § 1.51, 1.56, 1.97, and 1.98, a copy of the art identified on the attached form PTO-1449 is enclosed herewith as a citation in connection with the above-captioned application and is incorporated by reference herein.

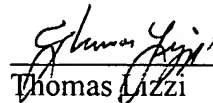
Applicants hereby request the Examiner to review and make an independent evaluation of the art. A copy of each reference is provided. No significance is meant to be attached to any markings that may be found on the enclosed referenced documents. The referenced documents are not necessarily analogous art. Applicants hereby respectfully request that an initialed copy of the PTO-1449 be returned to the undersigned.

The art that is being disclosed consists of (1) the PCT International Search Report that was prepared by the European Patent Office as International Search Authority; (2) the references cited therein; and (3) the PCT International Preliminary Examination Report that was prepared by the European Patent Office as the International Preliminary Examination Authority.

One of the cited references, WO/98/52709 to Lang et al., published November 26, 1998, is a foreign language document. From its abstract, Applicants believe the significance of the document is as an illustration of a method of using two powder components, one having a higher melting point than the other, and merely is defining the general state of the art. The reference includes an English-language abstract. Applicants have no other translation of the reference.

Applicants believe that their BLENDED POWDER SOLID-SUPERSOLIDUS LIQUID PHASE SINTERING invention as described and claimed in the instant application is neither taught nor suggested by the disclosed art. Accordingly, Applicants believe the invention is to be patentable over this art and respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



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Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	unknown
Filing Date	March 16, 2004
First Named Inventor	Liu
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	2089-001D1

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> (if known)				
		WO 96 09132 A	03-28-1996	Nyrhila et al.		
		WO 98 52709 A	11-26-1998	Lang et al.	Abstract	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number unknown

Filing Date March 16, 2004

First Named Inventor Liu

Art Unit unknown

Examiner Name unknown

Sheet

2

of

2

Attorney Docket Number 2089-001D1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PCT International Search Report for PCT/US/032220; issued June 16, 2003	
		PCT International Preliminary Examination Report for PCT/US/032220; issued October 29, 2003	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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